

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2004CH001	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/IB2004/004292	International filing date (day/month/year) 23/12/2004	(Earliest) Priority Date (day/month/year) 05/01/2004
Applicant CLARIANT INTERNATIONAL LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/004292

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09B29/30 C09B43/16 C09D11/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 386 589 A (CIBA GEIGY AG) 3 November 1978 (1978-11-03) * Table 1, page 32, last 2 compounds * page 8, line 24 - line 27; claims 1-15,17,19,21-26 page 10, line 17 - line 18 page 5, line 6 - page 6, line 1 page 23, line 6 - line 29	1-4,8,10
X	PATENT ABSTRACTS OF JAPAN vol. 0111, no. 36 (C-419), 30 April 1987 (1987-04-30) & JP 61 272270 A (MITSUBISHI CHEM IND LTD), 2 December 1986 (1986-12-02) abstract -& JP 61 272270 A (MITSUBISHI CHEM IND LTD) 2 December 1986 (1986-12-02) examples 2,7,8,14,22 ----- -/--	1-4,8,10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

13/06/2005

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/004292

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 929 215 A (PEDRAZZI REINHARD) 27 July 1999 (1999-07-27) claims; examples -----	1-10
A	WO 02/096994 A (PEDRAZZI REINHARD ; CLARIANT INT LTD (CH); LEHR FRIEDRICH (DE); SCHENE) 5 December 2002 (2002-12-05) claims; examples -----	1-10
A	EP 0 758 672 A (MITSUBISHI CHEM CORP) 19 February 1997 (1997-02-19) examples -----	1-10

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/004292

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2386589	A	03-11-1978	LU 77076 A1	18-01-1979
			DE 2814802 A1	19-10-1978
			FR 2386589 A1	03-11-1978
			JP 53140327 A	07-12-1978

JP 61272270	A	02-12-1986	NONE	

US 5929215	A	27-07-1999	AU 718334 B2	13-04-2000
			AU 1654397 A	02-10-1997
			DE 69707122 D1	08-11-2001
			DE 69707122 T2	02-05-2002
			EP 0891394 A1	20-01-1999
			ES 2166065 T3	01-04-2002
			WO 9735925 A1	02-10-1997
			JP 2000507297 T	13-06-2000

WO 02096994	A	05-12-2002	BR 0209881 A	08-06-2004
			CN 1513034 A	14-07-2004
			EP 1397434 A1	17-03-2004
			WO 02096994 A1	05-12-2002
			JP 2004532917 T	28-10-2004
			US 2004158049 A1	12-08-2004

EP 0758672	A	19-02-1997	WO 9626985 A1	06-09-1996
			DE 69527619 D1	05-09-2002
			DE 69527619 T2	10-04-2003
			EP 0758672 A1	19-02-1997
			US 5713992 A	03-02-1998

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